

## Dry Burney Creek Valley Groundwater Basin

- Groundwater Basin Number: 5-49
- County: Shasta
- Surface Area: 3,070 acres (5 square miles)

### Basin Boundary and Hydrology

The Dry Creek Valley Groundwater Basin consists of Quaternary alluvium. The basin is bounded to the northwest, west, and south by Pliocene andesite of Don Hurt Mountain, Stacher Butte, and Jacks Backbone. The basin is bounded to the east by Pleistocene basalt of Whittington Butte and Horse Heaven Buttes (Lydon 1960). Annual precipitation ranges from 49- to 55-inches, increasing to the southeast.

### Hydrogeologic Information

Hydrogeologic information was not available for the following:

***Water-Bearing Formations***

***Groundwater Level Trends***

***Groundwater Storage***

***Groundwater Budget***

***Groundwater Quality***

### Well Characteristics

Well yields (gal/min)	
Municipal/Irrigation	NKD
Total depths (ft)	
Domestic	NKD
Municipal/Irrigation	

### Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
	Miscellaneous water quality	NKD

### Basin Management

Groundwater management:	Shasta County adopted a groundwater management ordinance in 1998.
Water agencies	
Public	None
Private	None

## **Selected Reference**

Lydon PA., Gay, Jr. TE, et al. 1960. Geologic Map of California [Westwood Sheet], California Division of Mines.

## **Bibliography**

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Dickinson WR, Ingersoll RV, Grahm SA. 1979. Paleogene Sediment Dispersal and Paleotectonics in Northern California. Geological Society of America Bulletin 90:1458-1528.

Planert M, Williams JS. 1995. Ground Water Atlas of the United States, Segment 1, California, Nevada. USGS. HA-730-B.